

# INTERNATIONAL SEARCH REPORT

PCT/IB 03/05426

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A47F5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A47F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 386 961 A (LU FRANCISCO) 7 February 1995 (1995-02-07)  the whole document	1, 2, 7-10, 13, 15-18
X	US 4 736 921 A (ZANE MICHAEL S ET AL) 12 April 1988 (1988-04-12) the whole document	1-5, 7, 15-18
X	US 4 886 237 A (DENNIS ROBERT R) 12 December 1989 (1989-12-12) the whole document	1, 2, 5, 6, 15-18
X	GB 1 079 624 A (DESIGNA G M B H) 16 August 1967 (1967-08-16) the whole document	1, 2, 4, 7, 8, 12
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

5 March 2004

Date of mailing of the international search report

15/03/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 34 04 950 A (HUWIL WERKE GMBH) 14 August 1985 (1985-08-14) the whole document ----	1, 2, 14
X	CA 973 840 A (DIWALT IND LIMITED) 2 September 1975 (1975-09-02) the whole document -----	1, 2, 7, 8

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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US 4736921	A	12-04-1988	NONE		
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CA 973840	A	02-09-1975	CA	973840 A1	02-09-1975